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REV. Status

REVISION D
REVISED AND REDRAWN ON CAD/CAM
01/08/92 HA

REVISION E
TEMECULA WAS CARSON
ADDED T2113 MICROTRAN
9/27/95 TS

REVISION F
NEW FORMAT
07/02/98 TS

FCC68 TELECOMMUNICATIONS TRANSFORMER 600 : 600

MODEL NUMBER
TTC-105

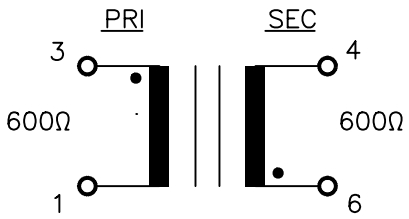
UL# E142035

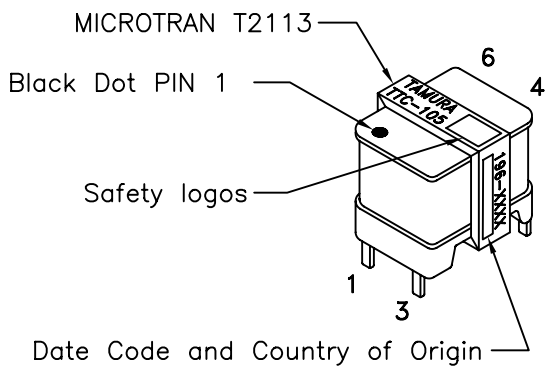
A. Electrical Specifications (@ 25°C)
1. Pri. Source Impedance; 600Ω
2. Sec. Load Impedance; 600Ω
3. Pri. DC Current; 90mA max (1–3)
4. Operating Level; −45dBm to +10dBm
5. Insertion Loss;
   3.0dB max @ 660 to 800Hz, 0dBm, DC90mA
   2.5dB max @ 800 to 3.5KHz, 0dBm, DC90mA
6. Frequency Response;
   +0.7dB, −1.0dB @ 660 to 800Hz, 0dBm, DC90mA (relative to 2KHz)
   +0.7dB, −0.7dB @ 800 to 3.5KHz, 0dBm, DC90mA (relative to 2KHz)
7. Longitudinal Balance; 60dB min @ 200 to 4KHz
8. DC Resistance;
   (1–3)= 71Ω ±15%
   (4–6)= 117Ω ±15%
9. Turns Ratio; (1–3) : (4–6) = 1 : 1.00±2%
10. Dielectric Strength;
    1500Vrms 1 minute @ Pri. to Sec. and Core
    1000Vrms 1 minute @ Sec. to Core

Jameco Part Number
206391

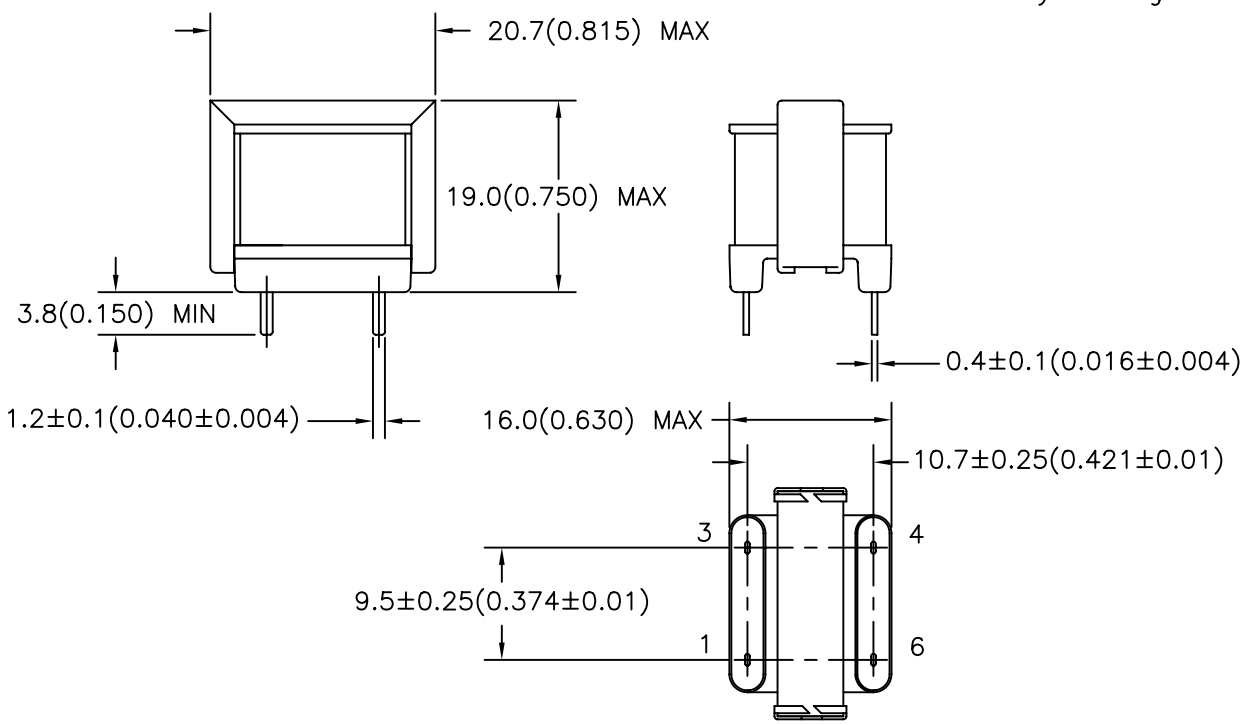
B. Marking; TTC–105, TAMURA, T2113, MICROTAN, date code and country of origin
C. Safety; CSA–C22.2 No. 66–M1988 File No. LR81383
UL 1863 File No. E142035

D. Schematic Diagram





E. Mechanical Specifications



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DWG CONTROL NO.	REV
P–A1–10015 ACAD/TTC/A1100151.DWG	F

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TELECOMMUNICATION COUPLING TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624

TTC–105
MODEL SPECIFICATION

DIM:mm(In) | SCL: NONE | SH: 1 OF 1

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